

What are the questions I need to ask before I specify a pump?

1. What is the type of application?

- Domestic or commercial

2. What fixtures are being attached to the pump?

This determines whether it is a macerator, grey water pump or lifting station that will be required.

- For kitchen sink, shower, hand basin, bath and laundry refer to Grey Water Pump
- For toilets combined with grey water attachments refer to Macerator
- For toilet suite with macerator refer to Integrated Macerator
- For high-temperature waste, multiple fixtures, or high lift refer to Lifting Stations

3. If it is a commercial application, is there a commercial dishwasher or glasswasher discharging to the pump?

- Please specify Sanicom 1 /Sanicom 2

4. How high does the waste need to be pumped?

- Refer to the pumping height with the flow chart

5. How far away does the waste need to travel?

- Refer to the product sheets with the flow chart

Specifying a pump can sometimes be a complex process, we often need further information to understand the installation better:

- How many changes of direction are there along the discharge line?
NB: No 90 degree angle bends, only 45 degree angles.
- Is there any fall at the top of the vertical lift?

PLEASE NOTE: If you cannot achieve the vertical pumping distance and if the installation parameters are outside the guidelines please call our technical department AU 1300 554 779 and NZ 0800 107 264.

MODEL NO	PRODUCT NAME	POSSIBLE CONNECTIONS	PUMPING HEIGHT	PAGE	APPLICATION		
					COMMERCIAL	DOMESTIC	
GREY WATER PUMP					9		
SA 112/113/114	SANIFLOOR +		3m	10	LIGHT		
SA 94	SANISHOWER +	 	5m	11	LIGHT		
SA 95	SANIVITE +	     	5m	12	N/A		
SA 101	SANISPEED +	     	7m	13	LIGHT		N/A
MACERATOR					15		
SA 80	SANIACCESS 2	 	5m	16	LIGHT		
SA 81	SANIACCESS 3	  	5m	17	LIGHT		
SA 99	SANIPACK PRO UP	  	5m	18	LIGHT		
SA 97	SANITOP	  	5m	19	LIGHT		
SA 98	SANIPLUS	    	5m	20	LIGHT		
SA 96	SANIPRO	   	5m	21	LIGHT		
SA 100	SANIBEST PRO	    	7m	22	HEAVY		N/A
INTEGRATED MACERATOR					24		
SA 106	SANICOMPACT	 	3m	27	N/A		
LIFTING STATION					28		
SA 102	SANICOM 1	     	8m	30	HEAVY		N/A
SA 108	SANICOM 2	     	11m	31	HEAVY		N/A
SA 107	SANICUBIC 1 WP	      	11m	32	LIGHT		
SA 104	SANICUBIC 2 PRO WP	      	11m	34	HEAVY		
SA 111	SANICUBIC 2 VX SINGLE PHASE	      	10m	36	HEAVY		
SA 300	SANICUBIC 1 GR	      	20m	38	HEAVY		
CONDENSATE					40		
SA92	SANICONDENS PRO	 	4.5m	42	✓		✓
SA110	SANICONDENS CLIM MINI S	 	6m	43	✓		✓
SA91	SANICONDENS BEST FLAT	  	4.5m	44	✓		✓
ADDITIONAL PRODUCTS					45		
ALARM 1	SANIALARM		N/A	46	✓		✓
SANI12661	SANIALARM INTERLOCK		N/A	47	✓		✓
DETAUST	SANIDESCALER		N/A	48	✓		✓
DN100	SANIKNIFE VALVE		N/A	48	✓		✓

 Domestic application  Commercial application Light = Light commercial Heavy = Heavy commercial

INSTALLATION GUIDE

10 golden rules for correct installation

Detailed installation instructions accompany every product. Please provide access for any service requirements.

1

All horizontal pipes should have a minimum fall of 1:100. Discharge pipework should be uPVC. **Do not use 'pushfit' pipework/fittings.**

2

If a vertical rise is needed, this should be at the start of the run (within 30 cm of the unit) and from the high point there must be a minimum fall of 1:100 (see Rule 1).

3

Bends should be smooth/long radius, not tight elbows. Examples of uPVC pressure pipe and fittings shown.

4

Waste pipes entering the Saniflo unit should have a gravity fall of 1:40 or 3%.

5

Where the pipework falls below floor level increase the pipe size to break siphonage.

6

Each Saniflo discharge pipe should run separately to the sewer/vent pipe. If wastes are combined, it can only be to a larger pipe, which is on a gravity fall.

7

The unit should be easily accessible and removable in the event of service or maintenance being required. If boxed in, the boxing should be easily removed. Any extension between the WC pan spigot and wall should not exceed 200 mm and have a 1:40 fall.

8

As close coupled cistern dimensions vary it may be necessary with certain designs to use a spacer between cistern and wall.

9

Position the Saniflo unit directly behind the toilet pan, not underneath it.

10 **ELECTRICAL CLASS 1 PRODUCT**

Connect to power according AS 3000 Electrical Regulation as rules apply depending on location.

For technical support in AUS: 1300 554 779 or technical@saniflo.com.au
For technical support in NZ: 0800107264 or technical@saniflo.co.nz